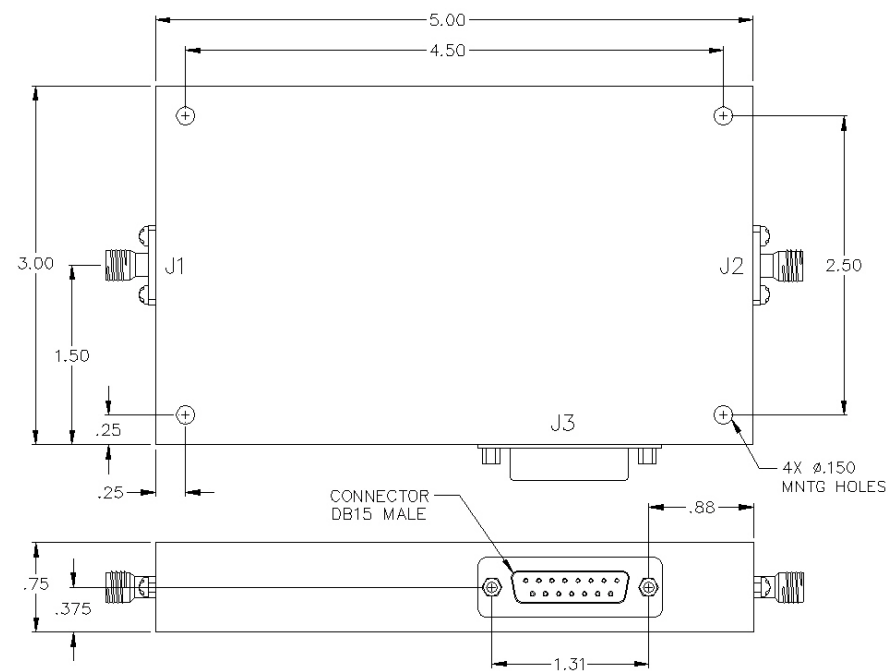


SPECIFICATIONS

Frequency Range:	2.00 - 4.00 GHz
Insertion Loss:	4.5 dB Max
VSWR:	1.80:1 dB Max
Attenuation Range:	32 dB
Number of Bits:	8
Least Significant Bit (LSB):	0.125 dB
Operating Power:	+ 20 dBm/100 mw Max
Power Handling:	+ 30 dBm/1 watt Max
Switching Time:	600 nsec, Typ
Control Logic:	TTL
Power Supply:	± 5 Vdc @ ± 300 mA Typ
Operating Temperature:	- 25°C to + 80°C
RF Connectors:	SMA Female

These attenuators are bi-directional.
Either J1 or J2 can be used as input.
J3: DC Connector (DC Power & Logic)



LOGIC TABLE

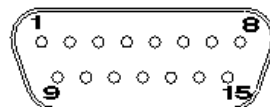
[illegible]

A combination of the above states will provide an attenuation equal to the sum of the selected states.

Offset of Mean Attenuation (dB)		Flatness (dB)	
± 0.4	0 - 16	± 0.4	0 - 16
± 0.8	17 - 32	± 0.6	17 - 32
± 1.5	32 - 64	± 1.2	32 - 64

PIN-OUT

Pin 01 = Bit 1 (LSB)	Pin 09 = N/C
Pin 02 = Bit 2	Pin 10 = N/C
Pin 03 = Bit 3	Pin 11 = N/C
Pin 04 = Bit 4	Pin 12 = N/C
Pin 05 = Bit 5	Pin 13 = +5 Vdc
Pin 06 = Bit 6	Pin 14 = -5 Vdc
Pin 07 = Bit 7	Pin 15 = Ground
Pin 08 = Bit 8	



PULSAR MICROWAVE CORPORATION

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DESCRIPTION :

Switched Bit Digital Controlled Attenuator

MODEL NO. :

DAT-13-480/1S

DIMENSIONS ARE IN INCHES
DECIMAL TOLERANCE:
2 PLACE $\pm .02$
3 PLACE $\pm .010$

SIZE
A

CAGE CODE :
0HR85

REV CODE :

180403

SCALE : N / A

ALL SPECIFICATIONS ARE SUBJECT TO
CHANGE WITHOUT NOTICE AT ANY TIME

SHEET 1 OF 1